

INDEX TO VOLUME XXIII

ALFORD, M. J. see SEMPLE, H. M.	
ANDERSON, AEMER D. Singular Perturbation Solutions of some Hot Wire Conduction Problems	163
ATKIN, R. J. and LESLIE, F. M. Couette Flow of Nematic Liquid Crystals	S3
BOLEY, BRUNO A. see YAGODA, HARVEY P.	
BURRIDGE, R. The Directions in which Rayleigh Waves may be Propagated on Crystals	217
CARMÍ, S. A Note on the Nonlinear Stability of Jeffery-Hamel Flows	405
CHAN, G. K. C. see SAVAGE, S. B.	
CHAPMAN, S. see KENDALL, P. C.	
CHEERS, ALISON M. see KELLY, R. E.	
COLLINS, I. F. Compression of a Rigid-Perfectly Plastic Strip between Parallel Rotating Smooth Dies	329
CRAINE, R. E. The Quasi-Transverse Constant Profile Wave in Finite Elasticity	17
CRAINE, R. E., GREEN, A. E. and NAGHDI, P. M. A Mixture of Viscous Elastic Materials with Different Constituent Tempera- tures	171
CROZIER, R. J. M. and HUNTER S. C. Similarity Solution for the Rapid Uniform Expansion of a Cylindrical Cavity in a Com- pressible Elastic-Plastic Solid	349
CROZIER, R. J. M. see HUNTER, S. C.	
DAFERMOS, CONSTANTINE M. Disinclinations in Liquid Crystals .	S49
DAVIES, T. V. Steady Two-Dimensional Cavity Flow past an Aerofoil using Linearized Theory	49
DAVIS, A. M. J. Note on a Paper by T. V. Davies, 'Steady Two- Dimensional Cavity Flow past an Aerofoil using Linearized Theory'	567
DAY, W. A. Reversibility Recoverable Work and Free Energy in Linear Viscoelasticity	1

- DAY, W. A. Some Results on the Least Work Needed to Produce a Given Strain in a Given Time in a Viscoelastic Material and a Uniqueness Theorem for Dynamic Viscoelasticity . . . 469
- EHRENZWEIG, P. D. Corrigenda . . . 328
- ELLIOTT, L. Free Convection on a Two-Dimensional or Axisymmetric Body . . . 153
- GIBSON, R. E., SCHIFFMAN, R. L. and PU, S. L. Plane Strain and Axially Symmetric Consolidation of a Clay Layer on a Smooth Impervious Base . . . 505
- GREEN, A. E. see CRAINE, R. E.
- HAYES, M., LAWS, N. and OSBORN, R. B. Universal Motion of Fluids of the Navier-Stokes-Fourier Type . . . 399
- HOCKING, L. M. Radial Filling of a Rotating Container . . . 101
- HUNTER, S. C. and CROZIER, R. J. M. An Approximate Solution to the Problem of the Non-Uniform Expansion of a Spherical Cavity in a Compressible Elastic-Plastic Solid . . . 365
- HUNTER, S. C. see CROZIER, R. J. M.
- KELLY, R. E. and CHEERS, ALISON M. On the Stability of Oscillating Plane Couette Flow . . . 127
- KELMAN, ROBERT B. Harmonic Mixed Boundary-Value Problems in Composite Rectangular Domains . . . 549
- KENDALL, P. C. and CHAPMAN, S. Model Calculations on Sea Tidal Generation of Electric Currents and Magnetic Fields . . . 535
- KYDONIEFS, A. D. Finite Axisymmetric Deformations of an Initially Cylindrical Membrane Reinforced with Inextensible Cords . . . 481
- LAWRENCE, E. G. Diffraction of Elastic Waves by a Rigid Inclusion . . . 389
- LAWS, N. see HAYES, M.
- LESLIE, F. M. see ATKIN, R. J.
- LEWIS, LYNN C. see LUBKIN, JAMES L.
- LITTLE, ROBERT W. see THOMPSON, TOMMIE R.

LOPER, DAVID On Viscous Flow within a Rotating Spheroidal Container	119
LOWDON, T. A. Integral Representations of the Hankel Function in terms of Parabolic Cylinder Functions	315
LUBKIN, JAMES, L. and LEWIS, LYNN C. Adhesive Shear Flow for an Axially-Loaded Finite Stringer Bonded to an Infinite Sheet	521
NAGHDİ, P. M. see CRAINE, R. E.	
NYE, V. A. A Linearized Piston Problem in Radiation Magneto-gasdynamics	247
NYE, V. A. Wave Propagation in a Highly Electrically-Conducting, Radiating Gas	265
OGDEN, R. W. Compressible Isotropic Elastic Solids under Finite Strain-Constitutive Inequalities	457
OSBORN, R. B. see HAYES, M.	
PELETIER, L. A. Asymptotic Behaviour of Temperature Profiles of a Class of Non-Linear Heat Conduction Problems	441
PU, S. L. see GIBSON, R. E.	
SAVAGE, S. B. and CHAN, G. K. C. The Buoyant Two-Dimensional Laminar Vertical Jet	413
SCHIFFMAN, R. L. see GIBSON, R. E.	
SEMPLE, H. M. and ALFORD, M. J. Stresses in a Semi-Infinite Strip	209
SESHADRI, S. R. and WU, T. T. Radiation Condition for a Magnetoplasma Medium	285
SHREEVES, R. W. see STADLER, W.	
SMITH, G. E. and SPENCER, A. J. M. A Continuum Theory of a Plastic-Rigid Solid Reinforced by Two Families of Inextensible Fibres	489
SPENCER, A. J. M. see SMITH, G. E.	
STADLER, W. and SHREEVES, R. W. The Transient and Steady-State Response of the Infinite Bernoulli-Fuler Beam with Damping and an Elastic Foundation	197
STALLYBRASS, M. P. A Pressurized Crack in the Form of a Cross	35
STERNBERG, H. M. Similarity Solutions for Reactive Shock Waves	77

STEWARTSON, K. On Laminar Boundary Layers near Corners	137
THOMPSON, TOMMIE R. and LITTLE, ROBERT W. End Effects in a Truncated Semi-Infinite Cone	185
WARREN, W. E. Theory of Axial Plane Reorientation in Liquid Crystals of Nematic Type	S25
WESTCOTT, B. S. Soluble Profiles for Inhomogeneous Gyration Media	431
WHITEMAN, J. R. Numerical Solution of a Harmonic Mixed Boundary-Value Problem by the Extension of a Dual Series Method	449
WU, T. T. see SESHADRI, S. R.	
YAGODA, HARVEY P. and BOLEY, BRUNO A. Starting Solutions for Melting of a Slab under Plane or Axisymmetric Hot Spots	225

